

CO₂-Related R&D at RTI International

- RTI's Dry Carbonate CO₂ Capture Process
 - Sorbent-based, post-combustion retrofit
- Dry Carbonate application in other industries
 - Cement, H₂ production, refining, steel
- CO₂ separation using membranes
 - Polymer-based membrane, post-combustion retrofit
- Pre-combustion CO₂ capture
 - Li₄SiO₄ and MgO sorbents
- Chemical Looping Combustion technologies
 - Novel oxygen carrying materials
- Beneficial re-use of CO₂
 - CO₂ → substitute natural gas (SNG)
- Novel liquid CO₂ solvents
 - Ionic liquid/MEA and CO₂ binding organic liquids

